

連立方程式	定期考査対策テスト NO. 1	氏名	時間	40分	得点	点
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<解 答 欄>

I 次の連立方程式を解け。

$$\begin{cases} 3x - 5y = 17 \\ 3x - 7y = 21 \end{cases}$$

$$\begin{cases} 4x - 3y = 5 \\ 4x + y = 25 \end{cases}$$

■ (7点×8)

点

①

②

③

④

⑤

⑥

⑦

⑧

$$\begin{cases} 5x + 3y = 4 \\ 15x + 7y = 6 \end{cases}$$

$$\begin{cases} 4x + 3y = 17 \\ 3x - 4y = -6 \end{cases}$$

$$\begin{cases} 3x + 2y = 11 \\ 4x - 2y = 17 \end{cases}$$

$$\begin{cases} 7x + 6y - 32 = 0 \\ 5x - 8y + 14 = 0 \end{cases}$$

$$\begin{cases} \frac{5}{2}x + \frac{3}{5}y = \frac{9}{2} \\ \frac{5}{6}x - \frac{2}{3}y = \frac{35}{6} \end{cases}$$

$$\begin{cases} 0.8x + 0.75y = 7 \\ 0.75x + 0.8y = 6.95 \end{cases}$$

小計	
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2 次の連立方程式を代入法によって解け。

$$\begin{array}{l} \textcircled{1} \\ \left\{ \begin{array}{l} x=2y-3 \\ 4x-3y=8 \end{array} \right. \end{array}$$

$$\begin{array}{l} \textcircled{2} \\ \left\{ \begin{array}{l} 5x+3y=24 \\ y=4-x \end{array} \right. \end{array}$$

2 (7点×4)

点

①

②

③

④

$$\begin{array}{l} \textcircled{3} \\ \left\{ \begin{array}{l} x=-4y+2 \\ x=8y+5 \end{array} \right. \end{array}$$

$$\begin{array}{l} \textcircled{4} \\ \left\{ \begin{array}{l} y=x-8 \\ y=-\frac{2}{3}x+\frac{1}{3} \end{array} \right. \end{array}$$

3 次の連立方程式を解け。

$$\begin{array}{l} \textcircled{1} \\ \left\{ \begin{array}{l} 2(x+3)+(y-1)=18 \\ 3(x+2)-(y+2)=16 \end{array} \right. \end{array}$$

$$\begin{array}{l} \textcircled{2} \\ \left\{ \begin{array}{l} x+2y=4 \\ y-\frac{1-x}{3}=\frac{1}{2} \end{array} \right. \end{array}$$

3 (4点×4)

点

①

②

③

④

$$\begin{array}{l} \textcircled{3} \\ \left\{ \begin{array}{l} 0.3x+0.2y=1.8 \\ y=2x-5 \end{array} \right. \end{array}$$

$$\begin{array}{l} \textcircled{4} \\ \frac{x+y}{4}=\frac{x-y}{3}=2 \end{array}$$

小	
計	

单元测试

No. 1

- 1 ① $x = \frac{7}{3}$, $y = -2$ ② $x = 5$, $y = 5$
③ $x = -1$, $y = 3$ ④ $x = 2$, $y = 3$
⑤ $x = 4$, $y = -\frac{1}{2}$ ⑥ $x = 2$, $y = 3$
⑦ $x = 3$, $y = -5$ ⑧ $x = 5$, $y = 4$
- 2 ① $x = 5$, $y = 4$ ② $x = 6$, $y = -2$
③ $x = 3$, $y = -\frac{1}{4}$ ④ $x = 5$, $y = -3$
- 3 ① $x = 5$, $y = 3$ ② $x = 7$, $y = -\frac{3}{2}$
③ $x = 4$, $y = 3$ ④ $x = 7$, $y = 1$